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(FILE 'HOME' ENTERED AT 17:26:46 ON 30 NOV 2006)

FILE 'CAPLUS' ENTERED AT 17:29:35 ON 30 NOV 2006

L1 3 S US6770672/PN

SELECT L1 3 RN

L2 81250 S E1-E96

FILE 'REGISTRY' ENTERED AT 17:30:28 ON 30 NOV 2006

L3 1 S 261929-52-6/RN

SET NOTICE 1 DISPLAY

SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 17:32:20 ON 30 NOV 2006

L4 1 S 354526-56-0/RN

SET NOTICE 1 DISPLAY

SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 17:33:20 ON 30 NOV 2006

L5 1 S 354526-60-6/RN

SET NOTICE 1 DISPLAY

SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 17:33:47 ON 30 NOV 2006

L6 1 S 354526-57-1/RN

SET NOTICE 1 DISPLAY

SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 17:34:20 ON 30 NOV 2006

L7 1 S 261929-59-3/RN

SET NOTICE 1 DISPLAY

SET NOTICE LOGIN DISPLAY

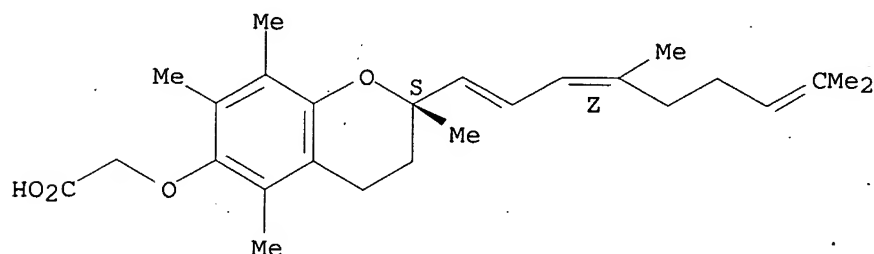
FILE 'CAPLUS' ENTERED AT 17:35:17 ON 30 NOV 2006

L8 18 S L3 OR L4 OR L6

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 354526-56-0 REGISTRY
 CN Acetic acid, [[[2S)-2-[(3Z)-4,8-dimethyl-1,3,7-nonatrienyl]-3,4-dihydro-2,5,7,8-tetramethyl-2H-1-benzopyran-6-yl]oxy]- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C26 H36 O4
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
 DT.CA Caplus document type: Patent
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.

Double bond geometry as described by E or Z.



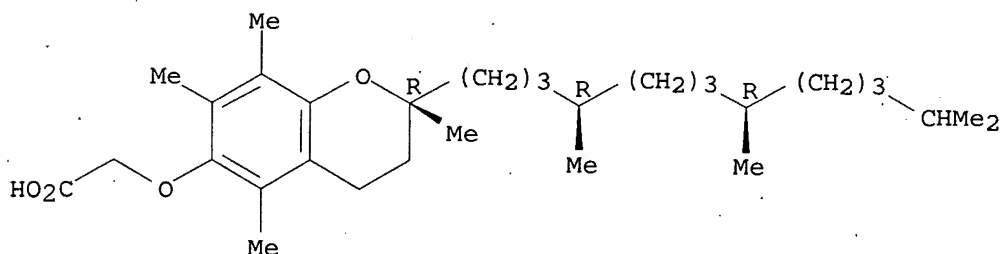
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 261929-52-6 REGISTRY
 CN Acetic acid, [[(2R)-3,4-dihydro-2,5,7,8-tetramethyl-2-[(4R,8R)-4,8,12-trimethyltridecyl]-2H-1-benzopyran-6-yl]oxy]- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN α -TEA
 CN 2,5,7,8-Tetramethyl-2R-(4R,8R,12-trimethyltridecyl)chroman-6-yloxyacetic acid
 FS STEREOSEARCH
 MF C31 H52 O4
 SR CA
 LC STN Files: CA, CAPLUS, CHEMCATS, PROUSDDR, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
 DT.CA Caplus document type: Dissertation; Journal; Patent
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); PRP (Properties); USES (Uses)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

18 REFERENCES IN FILE CA (1907 TO DATE)
 18 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d ibib 1-18

L8 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:842700 CAPLUS
DOCUMENT NUMBER: 143:259399
TITLE: Analysis of vitamin E derivatives in serum using
coordinated ion spray mass spectrometry
AUTHOR(S): Al-Talla, Zeyad A.; Tolley, Luke T.
CORPORATE SOURCE: Department of Chemistry, Southern Illinois University,
Carbondale, IL, 62901-4409, USA
SOURCE: Rapid Communications in Mass Spectrometry (2005),
19(16), 2337-2342
CODEN: RCMSEF; ISSN: 0951-4198
PUBLISHER: John Wiley & Sons Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:640516 CAPLUS
DOCUMENT NUMBER: 143:146104
TITLE: Mechanisms of proliferation inhibition and apoptosis
induced by vitamin E compounds and cyclooxygenase
inhibitors in human breast cancer cells
AUTHOR(S): Zhang, Shuo
CORPORATE SOURCE: Univ. of Texas, Austin, TX, USA
SOURCE: (2004) 201 pp. Avail.: UMI, Order No. DA3145828
From: Diss. Abstr. Int., B 2005, 65(8), 3958
DOCUMENT TYPE: Dissertation
LANGUAGE: English

L8 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:392967 CAPLUS
DOCUMENT NUMBER: 143:90407
TITLE: Anticancer effect of an α -TEA liposome aerosol
AUTHOR(S): Knight, Vernon
CORPORATE SOURCE: Baylor College of Medicine, Molecular Physiology and
Biophysics, Houston, TX, 77030, USA
SOURCE: Experimental Biology and Medicine (Maywood, NJ, United
States) (2005), 230(5), 291
CODEN: EBMMBE; ISSN: 1535-3702
PUBLISHER: Society for Experimental Biology and Medicine
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:83786 CAPLUS
DOCUMENT NUMBER: 143:366369
TITLE: Investigation of the effects and mechanisms of action
of a novel vitamin E derivative (alpha-tea) in
combination with cisplatin, and the resulting reversal
of drug resistance in a cisplatin-resistant human
ovarian cancer cell line, cp70
AUTHOR(S): Anderson, Kristen Marie
CORPORATE SOURCE: Univ. of Texas, Austin, TX, USA
SOURCE: (2003) 133 pp. Avail.: UMI, Order No. DA3119659
From: Diss. Abstr. Int., B 2004, 65(1), 162
DOCUMENT TYPE: Dissertation
LANGUAGE: English

L8 ANSWER 5 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:29502 CAPLUS
DOCUMENT NUMBER: 143:77440
TITLE: Investigation of the effect of a novel vitamin E derivative (alpha-TEA) alone and in combination with a known chemotherapeutic agent in human breast cancer using cell culture and animal models
AUTHOR(S): Lawson, Karla Ann
CORPORATE SOURCE: Univ. of Texas, Austin, TX, USA
SOURCE: (2003) 157 pp. Avail.: UMI, Order No. DA3118035
From: Diss. Abstr. Int., B 2004, 64(12), 6019
DOCUMENT TYPE: Dissertation
LANGUAGE: English

L8 ANSWER 6 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:1075709 CAPLUS
DOCUMENT NUMBER: 142:148098
TITLE: α -TEA plus cisplatin reduces human cisplatin-resistant ovarian cancer cell tumor burden and metastasis
AUTHOR(S): Anderson, Kristen; Lawson, Karla A.; Simmons-Menchaca, Marla; Sun, Luzhe; Sanders, Bob G.; Kline, Kimberly
CORPORATE SOURCE: Division of Nutrition and School of Biological Sciences, University of Texas, Austin, TX, 78712, USA
SOURCE: Experimental Biology and Medicine (Maywood, NJ, United States) (2004), 229(11), 1169-1176
CODEN: EBMMBE; ISSN: 1535-3702
PUBLISHER: Society for Experimental Biology and Medicine
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 7 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:849132 CAPLUS
DOCUMENT NUMBER: 142:273424
TITLE: Comparison of vitamin E derivatives α -TEA and VES in reduction of mouse mammary tumor burden and metastasis
AUTHOR(S): Lawson, Karla A.; Anderson, Kristen; Simmons-Menchaca, Marla; Atkinson, Jeffrey; Sun, LuZhe; Sanders, Bob G.; Kline, Kimberly
CORPORATE SOURCE: Division of Nutrition and School of Biological Sciences, University of Texas, Austin, TX, 78712, USA
SOURCE: Experimental Biology and Medicine (Maywood, NJ, United States) (2004), 229(9), 954-963
CODEN: EBMMBE; ISSN: 1535-3702
PUBLISHER: Society for Experimental Biology and Medicine
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 8 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:836374 CAPLUS
DOCUMENT NUMBER: 142:190395
TITLE: Novel vitamin E analogue and 9-nitro-camptothecin administered as liposome aerosols decrease syngeneic mouse mammary tumor burden and inhibit metastasis
AUTHOR(S): Lawson, Karla A.; Anderson, Kristen; Snyder, Rachel M.; Simmons-Menchaca, Marla; Atkinson, Jeffrey; Sun, Lu-Zhe; Bandyopadhyay, Abhik; Knight, Vernon; Gilbert,

CORPORATE SOURCE: Brian E.; Sanders, Bob G.; Kline, Kimberly
Cancer Prevention Fellowship Program, National Cancer
Institute, NIH, DHHS, Bethesda, MD, 20892, USA
SOURCE: Cancer Chemotherapy and Pharmacology (2004), 54(5),
421-431
CODEN: CCPHDZ; ISSN: 0344-5704
PUBLISHER: Springer GmbH
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 9 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN .
ACCESSION NUMBER: 2004:757963 CAPLUS
DOCUMENT NUMBER: 142:348247
TITLE: Vitamin E Analog α -TEA and Celecoxib Alone and
Together Reduce Human MDA-MB-435-FL-GFP Breast Cancer
Burden and Metastasis in Nude Mice
AUTHOR(S): Zhang, Shuo; Lawson, Karla A.; Simmons-Menchaca,
Marla; Sun, LuZhe; Sanders, Bob G.; Kline, Kimberly
CORPORATE SOURCE: Division of Nutrition/A2703, University of Texas at
Austin, Austin, TX, USA
SOURCE: Breast Cancer Research and Treatment (2004), 87(2),
111-121
CODEN: BCTRD6; ISSN: 0167-6806
PUBLISHER: Kluwer Academic Publishers
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 10 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:618733 CAPLUS
DOCUMENT NUMBER: 141:174332
TITLE: Preparation of tocopherols, tocotrienols, other
chroman and side chain derivatives for therapeutic use
in the prevention and treatment of cancer
INVENTOR(S): Sanders, Bob G.; Kline, Kimberly; Hurley, Laurence;
Gardner, Robb; Menchaca, Marla; Yu, Weiping; Ramanan,
Puthucode N.; Liu, Shenquan; Israel, Karen
PATENT ASSIGNEE(S): Research Development Foundation, USA
SOURCE: U.S., 48 pp., Cont.-in-part of U.S. Ser. No. 404,001.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6770672	B1	20040803	US 2000-502592	20000211
US 6417223	B1	20020709	US 1999-404001	19990923
CA 2399802	AA	20010816	CA 2001-2399802	20010209
WO 2001058889	A1	20010816	WO 2001-US4168	20010209

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,
ZA, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

EP 1254130	A1	20021106	EP 2001-909008	20010209
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004504268	T2	20040212	JP 2001-558439	20010209
NZ 520798	A	20040528	NZ 2001-520798	20010209
CN 1529701	A	20040915	CN 2001-807536	20010209
RU 2263672	C2	20051110	RU 2002-124135	20010209
US 2002107207	A1	20020808	US 2001-8066	20011105
US 6703384	B2	20040309		
US 2004235938	A1	20041125	US 2003-644418	20030820
US 2004097431	A1	20040520	US 2003-695275	20031028
PRIORITY APPLN. INFO.:			US 1998-101543P	P 19980923
			US 1999-404001	A2 19990923
			US 1998-101542P	P 19980923
			US 2000-502592	A 20000211
			WO 2001-US4168	W 20010209
			US 2001-8066	A3 20011105

OTHER SOURCE(S): MARPAT 141:174332

REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 11 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:583674 CAPLUS

DOCUMENT NUMBER: 142:349

TITLE: Pro-apoptotic mechanisms of action of a novel vitamin E analog (α -TEA) and a naturally occurring form of vitamin E (.vdelta.-tocotrienol) in MDA-MB-435 human breast cancer cells

AUTHOR(S): Shun, Ming-Chieh; Yu, Weiping; Gapor, Abdul; Parsons, Rachel; Atkinson, Jeffrey; Sanders, Bob G.; Kline, Kimberly

CORPORATE SOURCE: Division of Nutrition/A2703, University of Texas at Austin, Austin, TX, 78712, USA

SOURCE: Nutrition and Cancer (2004), 48(1), 95-105

CODEN: NUCADQ; ISSN: 0163-5581

PUBLISHER: Lawrence Erlbaum Associates, Inc.

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 12 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:491630 CAPLUS

DOCUMENT NUMBER: 141:199655

TITLE: Differential Response of Human Ovarian Cancer Cells to Induction of Apoptosis by Vitamin E Succinate and Vitamin E Analogue, α -TEA

AUTHOR(S): Anderson, Kristen; Simmons-Menchaca, Marla; Lawson, Karla A.; Atkinson, Jeffrey; Sanders, Bob G.; Kline, Kimberly

CORPORATE SOURCE: School of Biological Sciences/C0900, University of Texas at Austin, Austin, TX, USA

SOURCE: Cancer Research (2004), 64(12), 4263-4269

CODEN: CNREA8; ISSN: 0008-5472

PUBLISHER: American Association for Cancer Research

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 13 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:511122 CAPLUS

DOCUMENT NUMBER: 139:90452

TITLE: Liposomal delivery of vitamin E based compounds
 INVENTOR(S): Sanders, Bob G.; Kline, Kimberly; Lawson, Karla A.;
 Menchaca, Marla S.; Knight, J. Vernon; Wellen, Clyde
 W.
 PATENT ASSIGNEE(S): Research Development Foundation, USA
 SOURCE: PCT Int. Appl., 94 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003053407	A1	20030703	WO 2002-US40846	20021219
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2470920	AA	20030703	CA 2002-2470920	20021219
AU 2002361812	A1	20030709	AU 2002-361812	20021219
US 2003236301	A1	20031225	US 2002-325352	20021219
EP 1463487	A1	20041006	EP 2002-797447	20021219
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
CN 1617711	A	20050518	CN 2002-827914	20021219
JP 2005526705	T2	20050908	JP 2003-554166	20021219
PRIORITY APPLN. INFO.:				
			US 2001-342156P	P 20011219
			US 2002-406807P	P 20020829
			US 2002-418602P	P 20021015
			WO 2002-US40846	W 20021219
OTHER SOURCE(S): MARPAT 139:90452				
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L8 ANSWER 14 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2003:483828 CAPLUS
 DOCUMENT NUMBER: 139:223930
 TITLE: Novel vitamin E analogue decreases syngeneic mouse mammary tumor burden and reduces lung metastasis
 AUTHOR(S): Lawson, Karla A.; Anderson, Kristen; Menchaca, Marla; Atkinson, Jeffrey; Sun, LuZhe; Knight, Vernon; Gilbert, Brian E.; Conti, Claudio; Sanders, Bob G.; Kline, Kimberly
 CORPORATE SOURCE: Division of Nutrition/A2703, University of Texas at Austin, Austin, TX, 78712, USA
 SOURCE: Molecular Cancer Therapeutics (2003), 2(5), 437-444
 CODEN: MCTOCF; ISSN: 1535-7163
 PUBLISHER: American Association for Cancer Research
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 15 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2003:352492 CAPLUS
 DOCUMENT NUMBER: 139:81010
 TITLE: Ligand Specificity in the CRAL-TRIO Protein Family

AUTHOR(S): Panagabko, Candace; Morley, Samantha; Hernandez, Marta; Cassolato, Patrick; Gordon, Heather; Parsons, Rachel; Manor, Danny; Atkinson, Jeffrey
 CORPORATE SOURCE: Department of Chemistry and Centre for Biotechnology, Brock University, St. Catharines, ON, L2S 3A1, Can.
 SOURCE: Biochemistry (2003), 42(21), 6467-6474
 CODEN: BICHAW; ISSN: 0006-2960
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 73 THERE ARE 73 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 16 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2002:595501 CAPLUS
 DOCUMENT NUMBER: 137:140656
 TITLE: Preparation of tocopherols, tocotrienols, other chromans and side chain derivs. as potential antiproliferative and proapoptotic agents
 INVENTOR(S): Sanders, Bob G.; Kline, Kimberly; Yu, Weiping
 PATENT ASSIGNEE(S): Research Development Foundation, USA
 SOURCE: U.S. Pat. Appl. Publ., 44 pp., Cont.-in-part of U. S. Ser. No. 502,592.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002107207	A1	20020808	US 2001-8066	20011105
US 6703384X	B2	20040309		
US 6417223X	B1	20020709	US 1999-404001	19990923
CN 1706838	A	20051214	CN 2005-10003855	19990923
US 6770672 X	B1	20040803	US 2000-502592	20000211
US 2002156024	A1	20021024	US 2002-122019	20020412
US 6645998X	B2	20031111		
WO 2003039461	A2	20030515	WO 2002-US35147	20021101
WO 2003039461	A3	20031113		

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2002353971	A1	20030519	AU 2002-353971	20021101
US 2004097431	A1	20040520	US 2003-695275	20031028

PRIORITY APPLN. INFO.:
 US 1998-101542P P 19980923
 US 1999-404001 A2 19990923
 US 2000-502592 A2 20000211
 US 1998-101543P P 19980923
 CN 1999-812829 A3 19990923
 US 2001-8066 A 20011105
 WO 2002-US35147 W 20021101

OTHER SOURCE(S): MARPAT 137:140656

L8 ANSWER 17 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2001:597976 CAPLUS
 DOCUMENT NUMBER: 135:166941

TITLE: Preparation of tocopherols, tocotrienols, other chroman and side chain derivatives that induce cell apoptosis for therapeutic use as antiproliferative agents

INVENTOR(S): Sanders, Robert G.; Kline, Kimberly; Hurley, Laurence; Gardner, Robb; Menchaca, Marla; Yu, Weiping; Ramanan, Puthucode N.; Liu, Shenquan; Israel, Karen

PATENT ASSIGNEE(S): Research Development Foundation, USA

SOURCE: PCT Int. Appl., 120 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001058889	A1	20010816	WO 2001-US4168	20010209
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6770672	B1	20040803	US 2000-502592	20000211
CA 2399802	AA	20010816	CA 2001-2399802	20010209
EP 1254130	A1	20021106	EP 2001-909008	20010209
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004504268	T2	20040212	JP 2001-558439	20010209
NZ 520798	A	20040528	NZ 2001-520798	20010209
RU 2263672	C2	20051110	RU 2002-124135	20010209
PRIORITY APPLN. INFO.:				
			US 2000-502592	A 20000211
			US 1998-101543P	P 19980923
			US 1999-404001	A2 19990923
			WO 2001-US4168	W 20010209
OTHER SOURCE(S): MARPAT 135:166941				
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L8 ANSWER 18 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2000:209907 CAPLUS

DOCUMENT NUMBER: 132:237223

TITLE: Preparation of tocopherols, tocotrienols, other chroman and side chain derivatives for use as

INVENTOR(S): Kline, Kimberly; Sanders, Bob G.; Hurley, Laurence; Gardner, Robb; Menchaca, Marla; Yu, Weiping; Ramanan, Puthucode N.; Liu, Shenquan; Israel, Karen

PATENT ASSIGNEE(S): Research Development Foundation, USA

SOURCE: PCT Int. Appl., 101 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000016772	A1	20000330	WO 1999-US21778	19990923

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,
 DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,
 JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
 MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,
 TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
 DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2345079	AA	20000330	CA 1999-2345079	19990923
AU 9961553	A1	20000410	AU 1999-61553	19990923
AU 757013	B2	20030130		
EP 1115398	A1	20010718	EP 1999-948352	19990923
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
CN 1325303	A	20011205	CN 1999-812829	19990923
JP 2002526446	T2	20020820	JP 2000-573733	19990923
NZ 510732	A	20040130	NZ 1999-510732	19990923
RU 2232758	C2	20040720	RU 2001-111019	19990923
CN 1706838	A	20051214	CN 2005-10003855	19990923
IL 142082	A1	20051218	IL 1999-142082	19990923
TW 592695	B	20040621	TW 1999-88120073	19991117
ZA 2001002057	A	20020319	ZA 2001-2057	20010313

PRIORITY APPLN. INFO.:

US 1998-101542P	P	19980923
CN 1999-812829	A3	19990923
WO 1999-US21778	W	19990923

OTHER SOURCE(S):

MARPAT 132:237223

REFERENCE COUNT:

3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT